

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042020\
 Data File : VW015237.D
 Acq On : 20 Apr 2020 21:22
 Operator : SY/VA
 Sample : L2346-08
 Misc : 4.99G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S-5A

Quant Time: Apr 21 07:49:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	202741	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	287381	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	259823	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	113866	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	80103	48.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.64%	
35) Dibromofluoromethane	7.88	113	81034	50.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.82%	
50) Toluene-d8	10.32	98	349402	52.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.36%	
62) 4-Bromofluorobenzene	12.62	95	116590	45.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.26%	

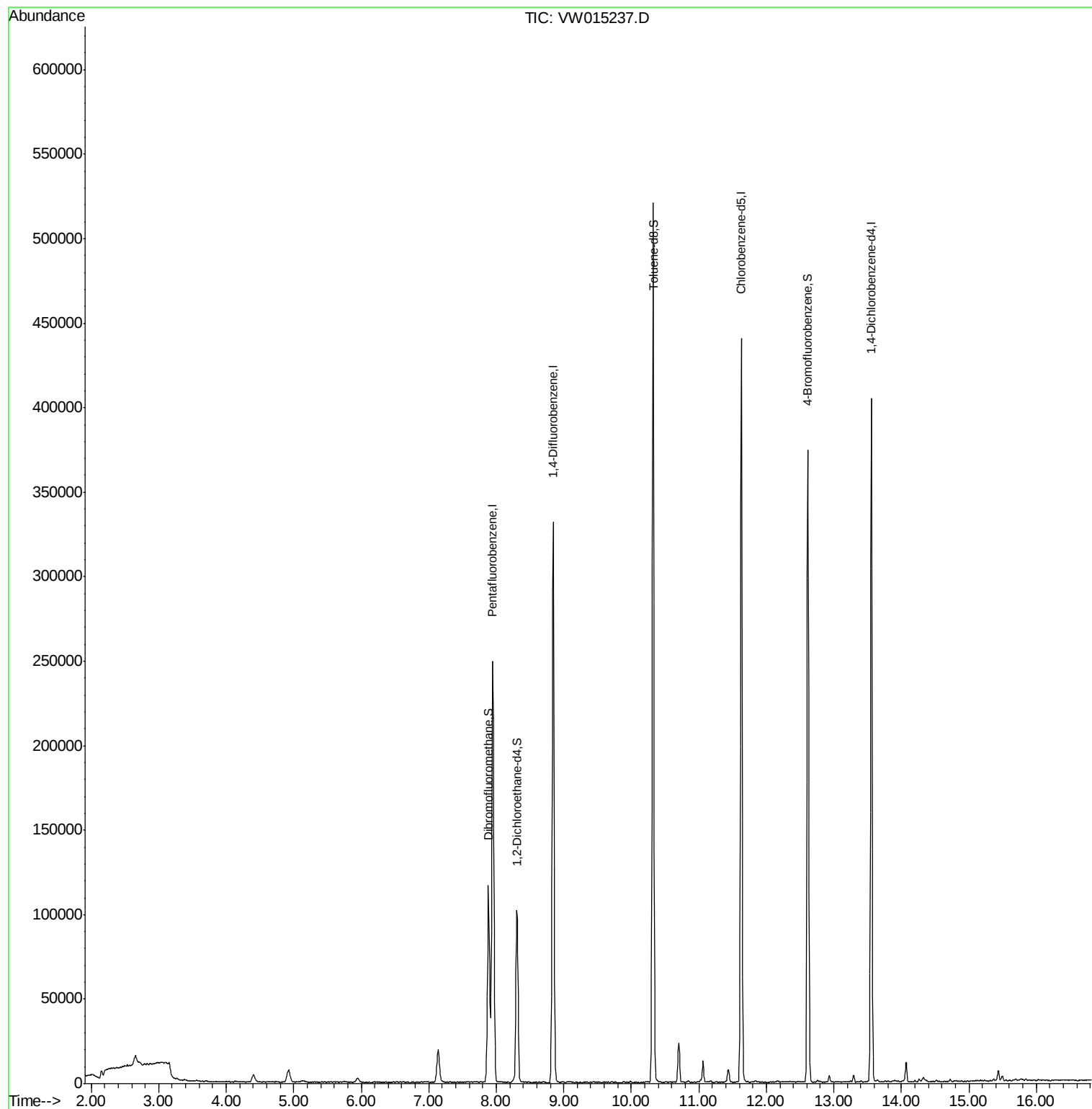
Target Compounds Qvalue

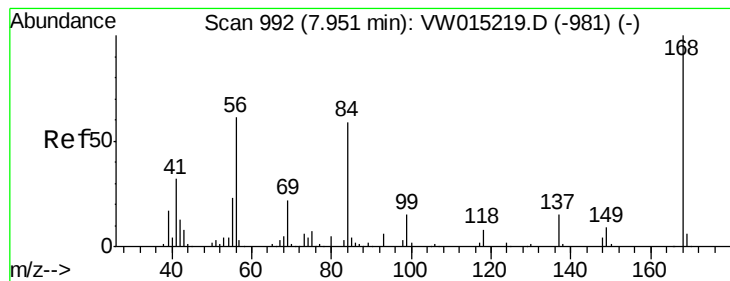
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042020\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW015237.D

Acq: 20 Apr 2020 21:22

Instrument :

MSVOA_W

ClientSampleId :

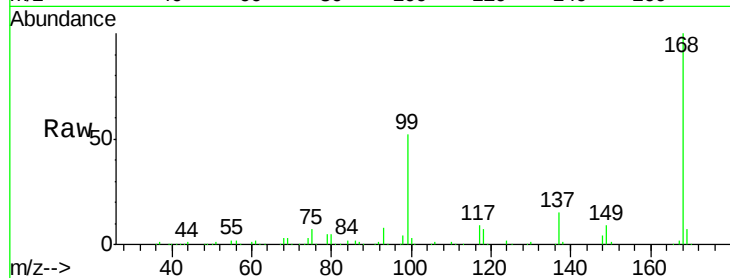
S-5A

Tot Ion:168 Resp: 202741

Ion Ratio Lower Upper

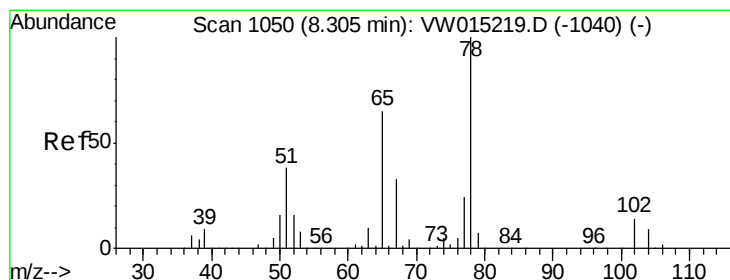
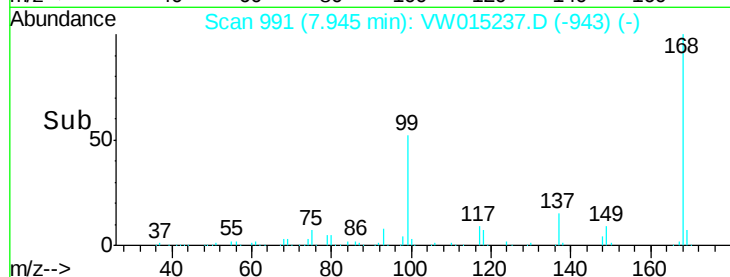
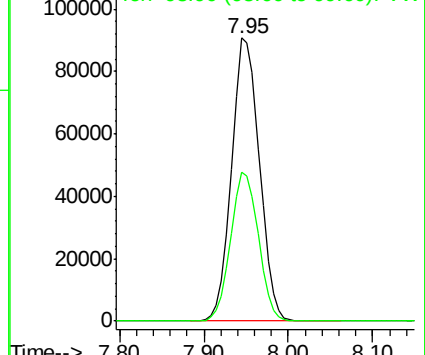
168 100

99 52.4 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 48.316 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW015237.D

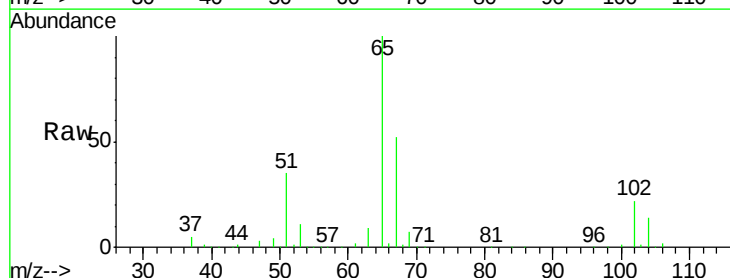
Acq: 20 Apr 2020 21:22

Tgt Ion: 65 Resp: 80103

Ion Ratio Lower Upper

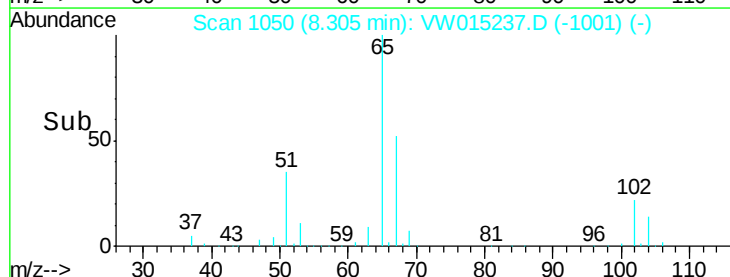
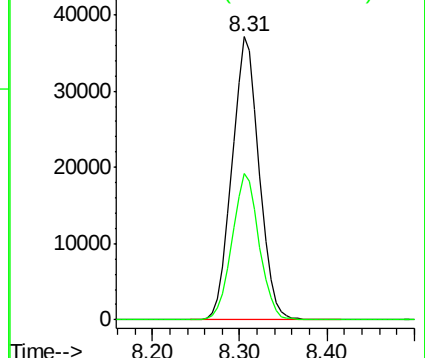
65 100

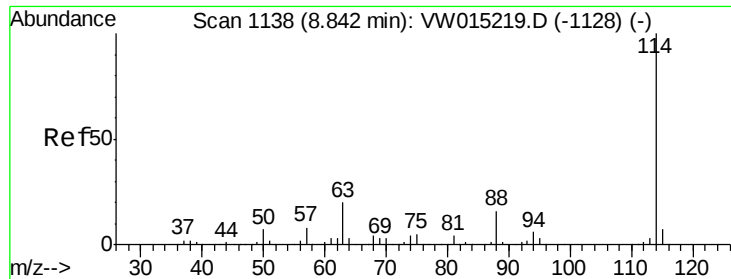
67 51.9 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

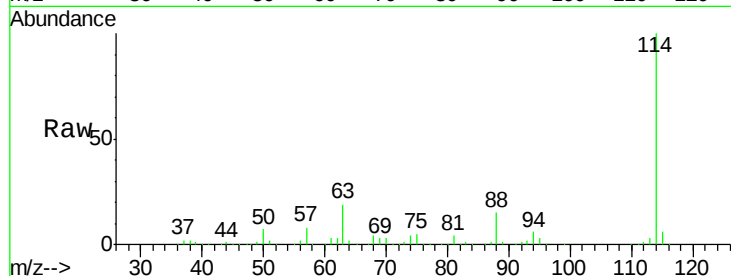




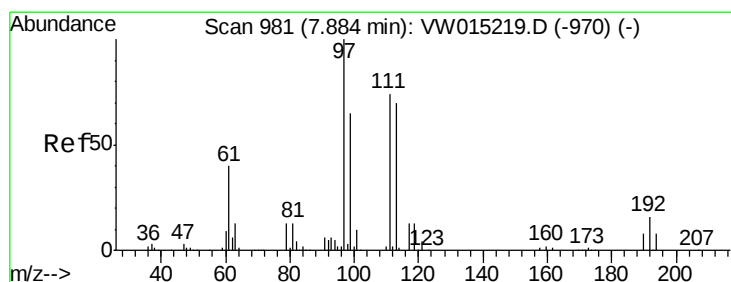
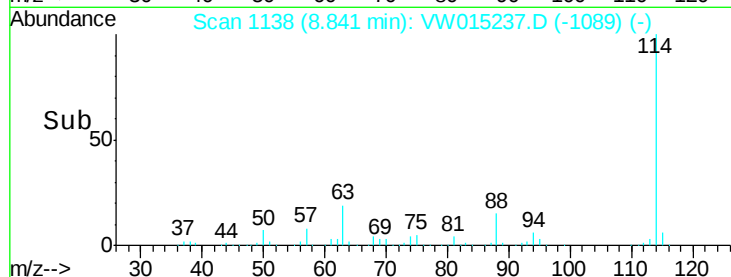
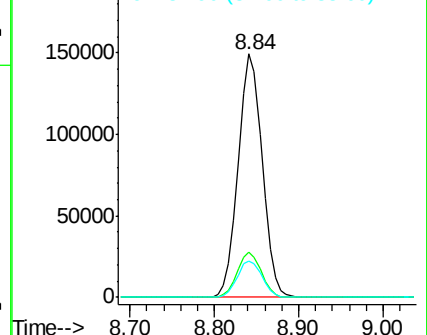
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW015237.D
 Acq: 20 Apr 2020 21:22

Instrument :
 MSVOA_W
 ClientSampleId :
 S-5A

Tot Ion:114 Resp: 287381
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.8
 88 15.1 0.0 30.2

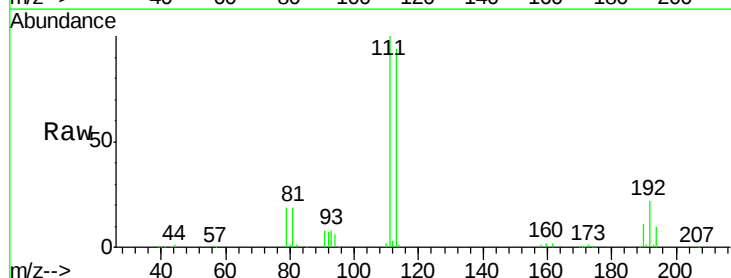


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

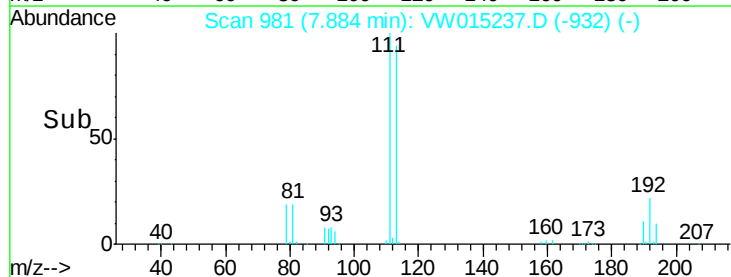
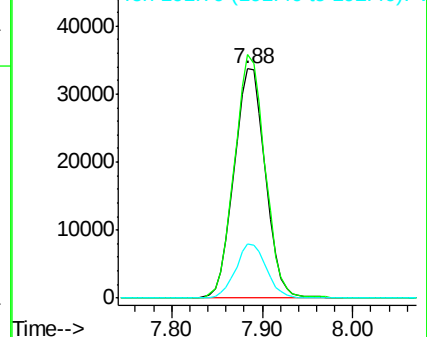


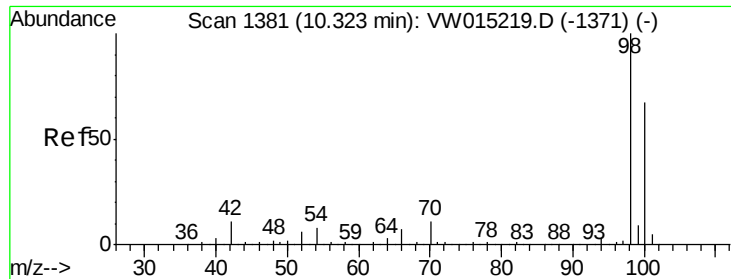
#35
 Dibromofluoromethane
 Concen: 50.905 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW015237.D
 Acq: 20 Apr 2020 21:22

Tgt Ion:113 Resp: 81034
 Ion Ratio Lower Upper
 113 100
 111 103.8 83.0 124.4
 192 23.0 15.1 22.7#



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.177 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW015237.D

Acq: 20 Apr 2020 21:22

Instrument :

MSVOA_W

ClientSampled :

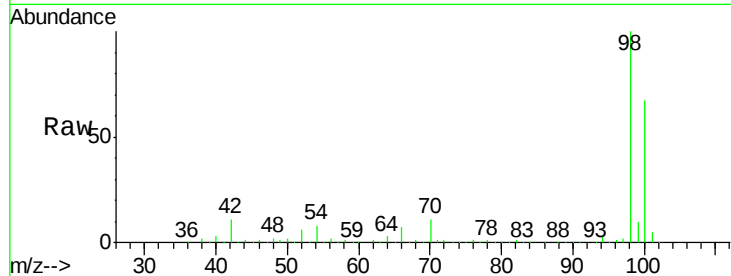
S-5A

Tot Ion: 98 Resp: 349402

Ion Ratio Lower Upper

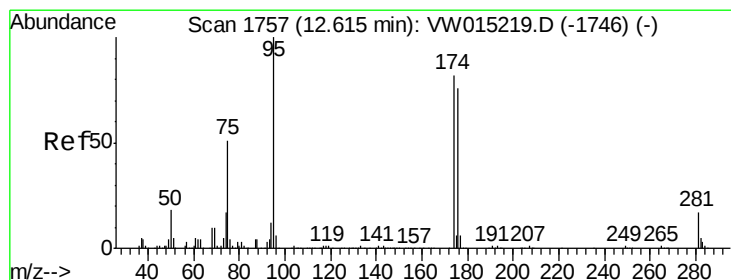
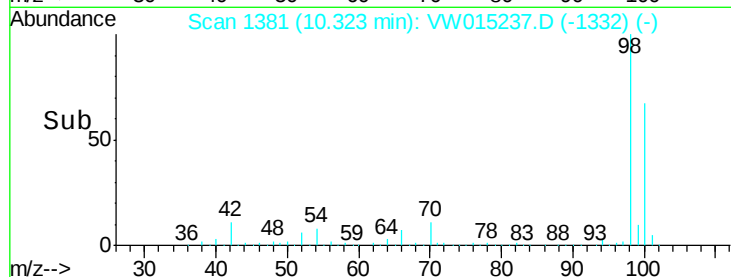
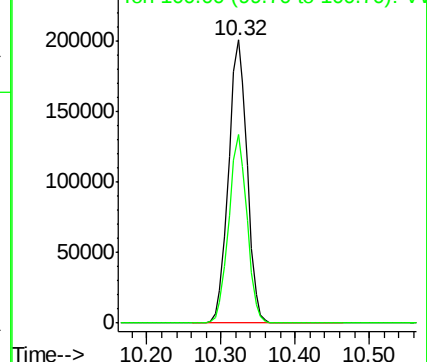
98 100

100 65.5 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 45.632 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW015237.D

Acq: 20 Apr 2020 21:22

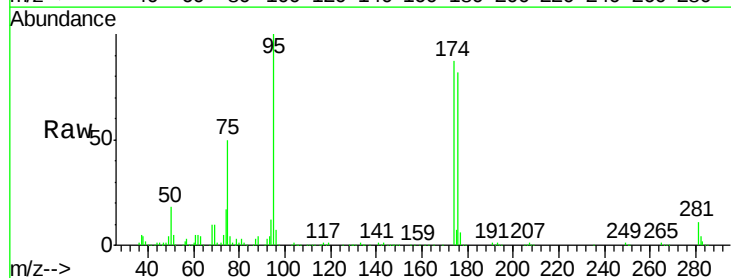
Tgt Ion: 95 Resp: 116590

Ion Ratio Lower Upper

95 100

174 87.8 0.0 144.4

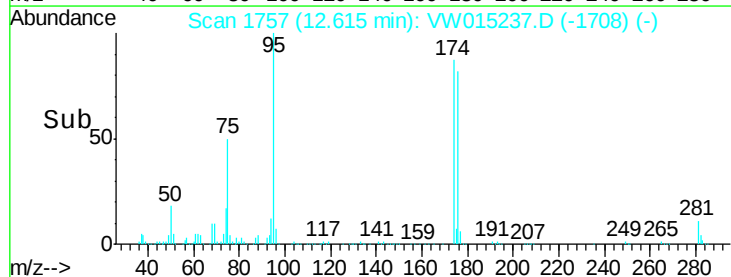
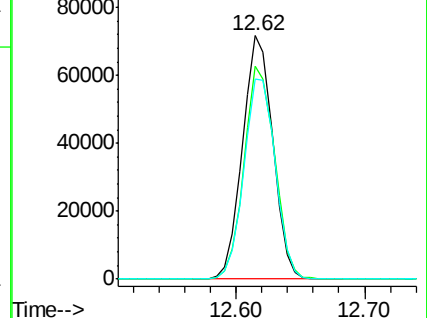
176 85.0 0.0 140.6

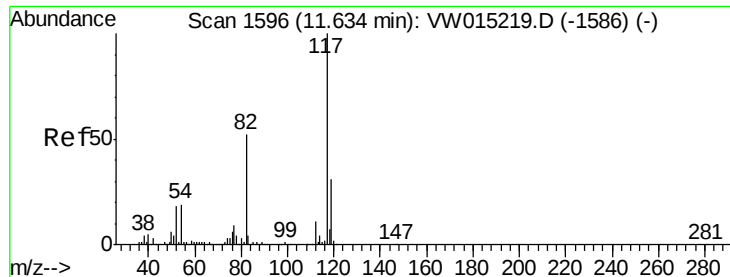


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

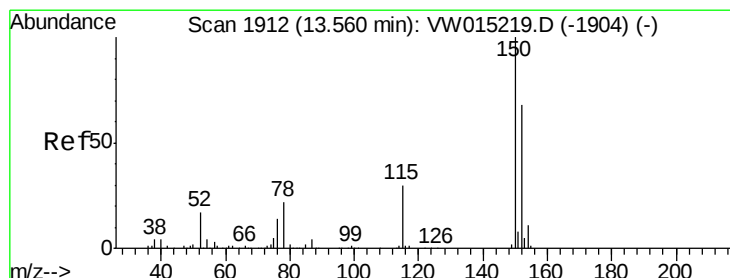
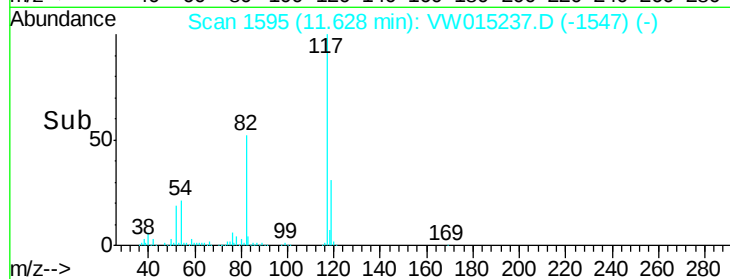
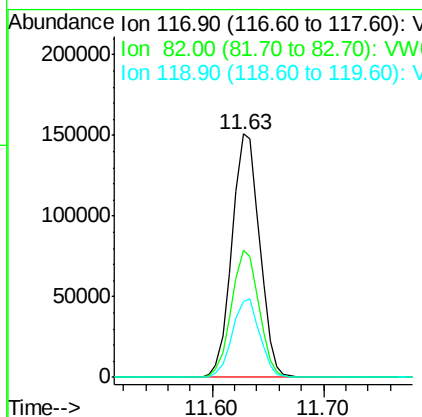
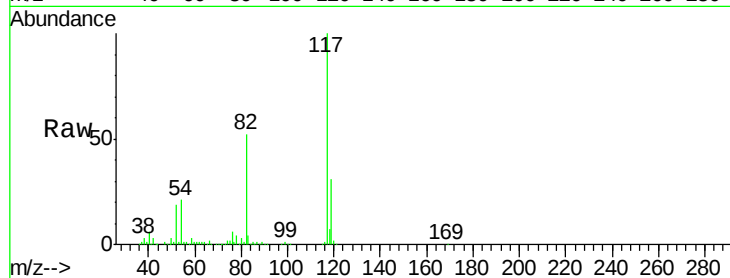




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015237.D
Acq: 20 Apr 2020 21:22

Instrument :
MSVOA_W
ClientSampleId :
S-5A

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.2	44.1	66.1
119	31.1	24.9	37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW015237.D
Acq: 20 Apr 2020 21:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.4	31.3	93.9
150	154.8	0.0	343.4

